

F2
48. (Amended) The baculovirus vector of Claim 46, wherein said synthetic polynucleotide further comprises a glycosylphosphatidylinositol anchor coding sequence.

Sub G2 F3
49. (Twice Amended) The baculovirus vector of Claim 48, wherein said glycosylphosphatidylinositol anchor coding sequence is from a CD59 or CD14 gene.

Sub G4
55. (Twice Amended) A baculovirus vector selected from the group consisting of PfMSP1p19A deposited at the CNCM under No. I-1661, PfMSP1p19S deposited at the CNCM under No. I-1662, and PcMSP1p19S deposited at the CNCM under No. 1663.

F4
56. (Twice Amended) A synthetic polynucleotide comprising a gene encoding a 19 kilodalton C-terminal fragment of a *Plasmodium falciparum* merozoite surface protein (MSP-1) polypeptide, wherein said polynucleotide has a total GC content of 40 % to 60%.

F5
58. (Amended) The synthetic polynucleotide of Claim 56, wherein said synthetic polynucleotide further comprises a glycosylphosphatidylinositol anchor coding sequence.

F6
59. (Twice Amended) The synthetic polynucleotide of Claim 58, wherein said glycosylphosphatidylinositol anchor coding sequence is from a CD59 or CD14 gene.

F7
61. (Amended) The synthetic polypeptide of Claim 56, wherein said synthetic polynucleotide further comprises a polynucleotide encoding a signal peptide of a *Plasmodium* MSP-1 protein.

Sub G5
65. (Amended) A baculovirus vector comprising a promoter, a synthetic polynucleotide encoding a 19 kilodalton C-terminal fragment of a *Plasmodium falciparum* merozoite surface protein 1 (MSP-1) having a GC content of between 40% to 60% and a polynucleotide encoding a signal sequence of a *Plasmodium vivax* MSP-1 protein.

F8
66. (Amended) The baculovirus vector of Claim 65, wherein said synthetic polynucleotide sequence further comprises a glycosylphosphatidylinositol anchor coding sequence.